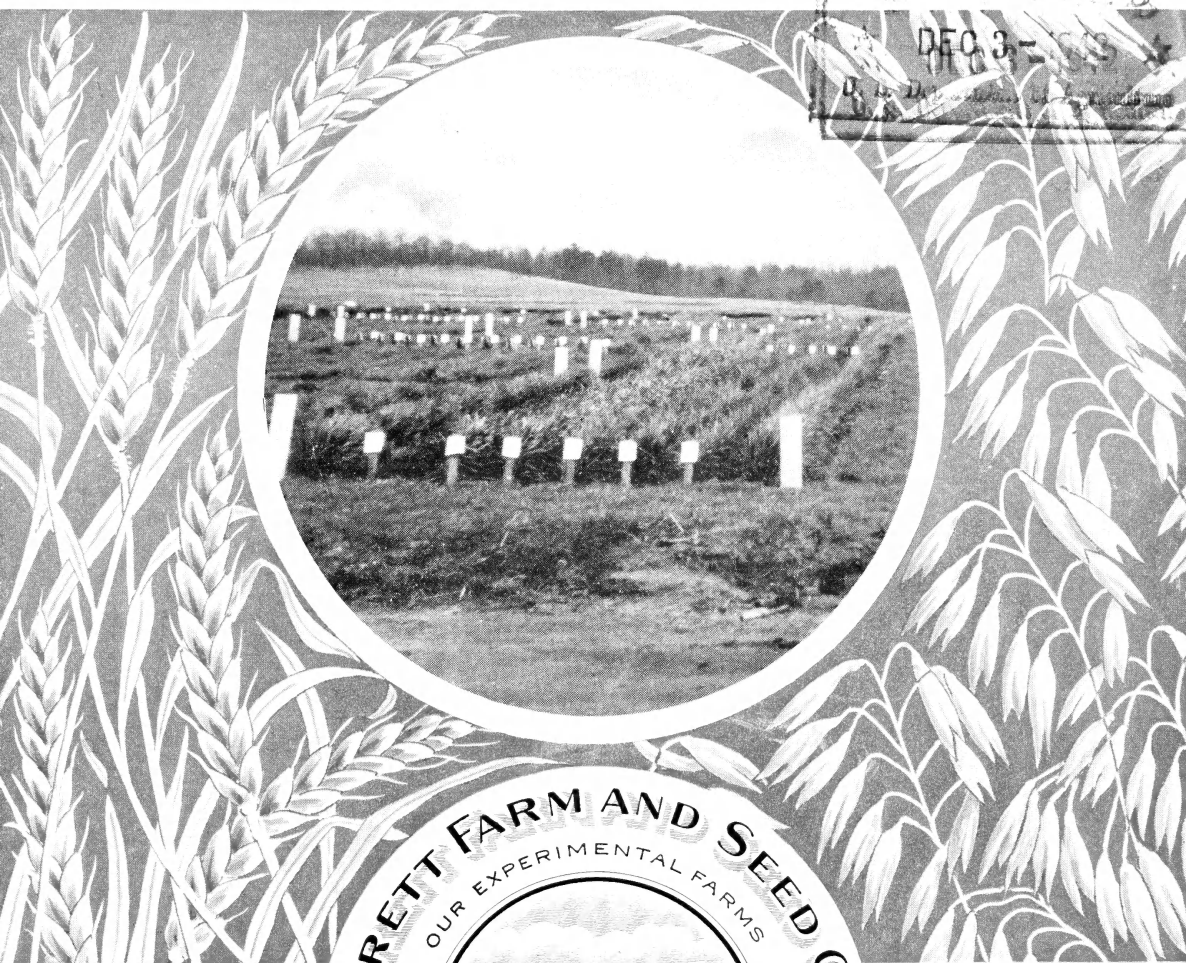


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Do not assume content reflects current scientific knowledge, policies, or practices.

SMALL GRAIN *Bulletin*



1941

1942

WESTMINSTER, SOUTH CAROLINA

90% GERMINATION •• WHERE QUALITY AND SERVICE MEET



Beardless Barley Strain No. 4 compared with competing unadapted varieties

*Marett's Pedigreed Beardless Barley
Strain No. 4 (16-22-24)*

Season: Very early. Our Strain No. 4 supplants our Strain No. 3 and according to our records, produces an average of $5\frac{1}{2}$ bushels more per acre. At Clemson College in the year 1939, it produced 68 bushels per acre, leading all other varieties, and in 1940 made a yield of 57 bushels per acre.

Marett's Beardless Barley is a true Hooded type, with long, heavy and compact heads. The straw is stronger than previous strains of this variety. We do not claim it to be resistant to white mould or striped-leaf, though we did not see any striped-leaf in it for the crop year 1941.

Barley has been called "The Winter Corn Crop". On an average, it should produce about twice as many bushels per acre on up-lands and compares favorably bushel for bushel in feeding value. Whole Barley makes a very fine feed for growing calves and all young growing stock. In the case of grown stock, it is also good, but some prefer hammering or soaking in water a few hours before feeding. Harvest this Barley when the heads become brown and the straw is still a little green, this will prevent shattering and will not affect the germination. For combining, it must be thoroughly ripe and dry. Sow about $2\frac{1}{2}$ bushels per acre for seed purposes. For grazing purposes, or to cut as a hay crop, sow not less than $3\frac{1}{2}$ to 4 bushels.

Per Bu. \$2.50; 10 Bus. \$2.40 per Bu.; 30 Bus. \$2.30 per Bu.

FOB Westminster, S. C.



Marett's Pedigreed Awnless Barley
Strain No. 1

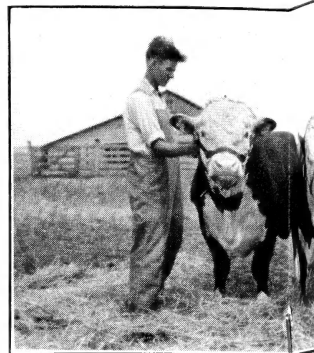
Season: Very early. Very rigid straw, long, heavy and compact heads. The straw is stronger than our Hooded No. 4, and stands up well for combining. Our records show it to be resistant to white mould and to striped-leaf. In some sections this is very important. Our Awnless Barley, Strain No. 1, is a little earlier than our Hooded Barley. It does not shatter as easily at harvest time as the Hooded Barley. Either by the bushel, or by weight, Our Awnless carries a much higher feed value.

In 1940 at Clemson College it led all competing Strains, producing 65.4 bushels per acre. It was also the leader in 1940 at the Edisto Station, Blackville, S. C., producing 65.3 bushels per acre. In the field, it looks very much like wheat, to a passerby. We quite often produce 40 to 60 bushels per acre in this Barley. Best results are obtained by using a well balanced and liberal amount of fertilizer at seeding time. This will apply to all small grain. You want a well established root system before the Winter months. Sow $1\frac{1}{2}$ to 2 bushels per acre. Book orders early, because we are usually sold out before the season is over.

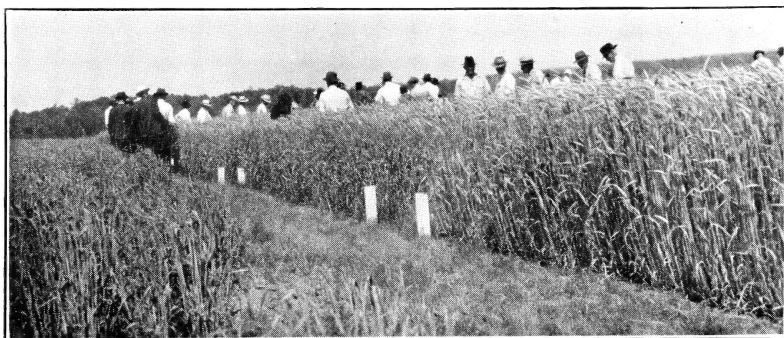
Per Bu. \$3.20; 10 Bus. \$3.10 per Bu.; 30 Bus. \$3.00 per Bu.
FOB Westminster, S. C.



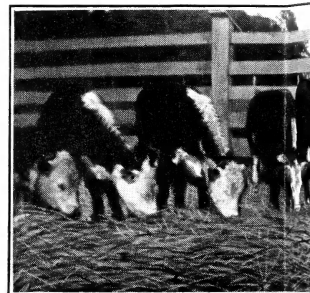
Section of Nursery in Small Grain



Left: Sir Frederick, 2 years old.
Right: Myrtlewood Boga, 7 months old.



South Carolina farmers looking over plant to row work in barley



A few yearling polled Hereford calves

Marett-Boggs Purple Straw Wheat *Strain No. 3 (7-3)*

Season: Early. Head $3\frac{1}{2}$ " to 5" long. Grain: Medium large. Mesh: 3 to 4, sometimes 5. This variety of wheat is a little earlier than our Blue Straw, Strain 2-A. Our Purple Straw is a selection out of the Clemson College Purple Straw Wheat. It also carries a little longer head than any other type thus far found out of this variety. It should do well throughout the cotton belt, wherever lands are suitable for wheat growing. It is regarded as a very early maturing wheat. It is a very fine stooler, and according to our Variety Test, is one of the best. At Clemson College, for the year 1940, it had a production record of 43.1 bushels per acre.

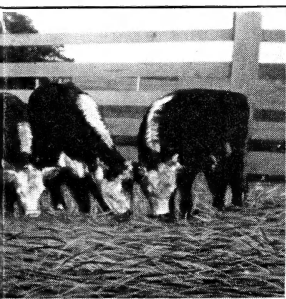
2 Bus. \$2.70 per Bu.; 10 Bus. \$2.60 per Bu.
FOB Westminster, S. C.



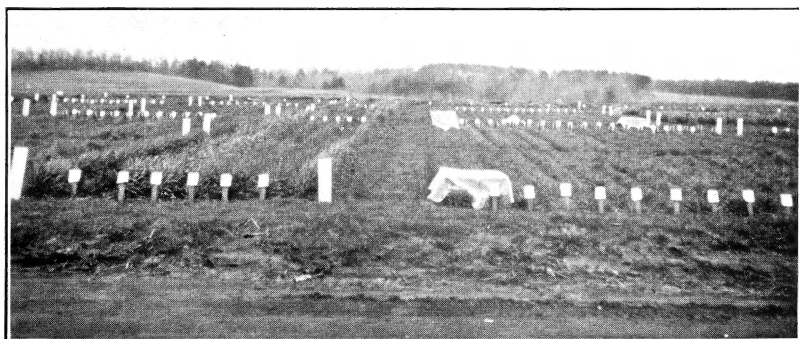
...rs old.
do 7th, 19 months old.



Interior of greenhouse where rust is cultured for testing resistance



calves on the Marett Seed Farm



Section of Nursery in Small Grain

Marett's Pedigreed Blue Straw Wheat

Strain No. 2-A

Season: Early. Grain: Medium large, depending upon season. Mesh: 3 to 4, depending upon season. Straw: Rigid and blue. Our Strain 2-A has supplanted our Strain No. 1, because of earliness and better yields per acre. It is very resistant to cold and well adapted to the Southern and Northern sections of the Southeastern States. In 1939, at Clemson College, it had a production record of 37.9 bushels per acre, leading all other commercial competitors, save our own Variety—Golden Grain. In 1940, it produced at the Clemson College Station 40.1 bushels per acre. Stock very limited.

2 Bus. \$2.70 per Bu.; 10 Bus. \$2.60 per Bu.

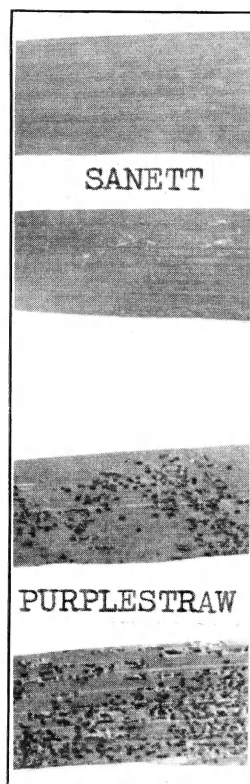
FOB Westminster, S. C.



Marett's Pedigreed Sanett Wheat

Sanett is a new variety offered this year for the first time. It was selected from among a group of rust-resistant hybrid wheats received from the Georgia Experiment Station in 1937. Sanett has resistance to many races of leaf rust, though it usually does show a little rust late in the season. This late rust is not serious, however. The H264 group of wheats from which Sanett was selected have been consistently high yielders at Experiment Stations in South Carolina and Georgia for several years. Under rust conditions, Sanett retains its leaves longer than other varieties, and this enables the grain to fill better with less shrivelling. This variety has a great advantage under rust conditions, and we believe it is by far the best wheat we have ever produced.

Season; Early. Straw: Rigid blue. Heads: Long, heavy. Mesh: 3 to 4, sometimes 5, depending upon season. Grain: Plump. In general appearance, Sanett is similar to Purple Straw wheats, except for superior resistance to rust.

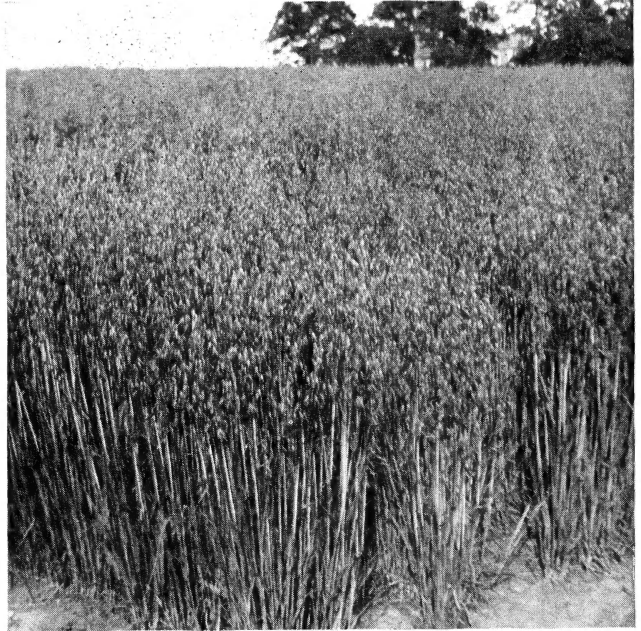


2 Bus. \$3.50 per Bu.; 10 Bus. \$3.40 per Bu.
 FOB Westminster, S. C.

Note difference in the two varieties in resistance to rust; grown side by side.

Marett's Pedigreed Fulghum Oats
Strain No. 1 (34-4-17-20)

Season: Early. Grain: Large and plump. Head: Very striking, compact. Straw: More rigid than the average Fulghum. This strain is superior to any other previous strains found in this variety. Mr. J. Tom Shirley, of Anderson County, produced 352½ bushels on 4 acres in the year 1941. At the Blackville Experiment Station, for the year 1940, it led all varieties, producing 104.2 bushels. It was also the leader of all varieties in 1939. We feel positive that it is the highest producing Fulghum Oat that we have ever released, and has a wide range of adaptability.



4 Bus. \$2.00 per Bu.; 24 Bus. \$1.90 per Bu.
FOB Westminster, S. C.

Marett's Pedigreed Winter Resistant Oats
Strain No. 3 (34-11-19)

Season: Early. Straw: Very rigid. Head: Long and compact. Grain: Large yellow. This variety of oats carries a very high stooling capacity. It was sent to a good many of the stations for testing, this past season, and would not be surprised to find it at or near the top, in yield per acre. According to our records, it has been found to be both smut and cold-resistant. It will mature close in behind the Fulghum variety, and carries a height well adapted for combining, or cutting with the Binder. The variety originated out of one of Coker's Fulgrain.

4 Bus. \$2.00 per Bu.; 24 Bus. \$1.90 per Bu.
FOB Westminster, S. C.

Marett's Pedigreed Red Oats
Strain No. 3 (19-11-5)

Season: Earlier than most Red Oats. Straw: Rigid. Head: Large and compact. Grain: Typical in color for variety. Medium in height and superior in production per acre to any other selection of the Red Oat family. We have done many years of plant breeding work in this oat. Those partial to Appler or Red Oats should be highly pleased with this oat grown anywhere in the Southeast.

4 Bus. \$1.75 per Bu.; 24 Bus. \$1.65 per Bu.
FOB Westminster, S. C.

Tennessee 092 Oats

This is a Winter-resistant, though not a smut-resistant, but a very high yielding oat. It does well in the upper Piedmont belt and above the cotton line. We grew out about 400 bushels of these oats from this harvest.

4 Bus. \$1.30 per Bu.; 24 Bus. \$1.20 per Bu.

FOB Westminster, S. C.

An Announcement

We extend a cordial invitation to visit our farms for the purpose of going over our work in small grain, also work in cotton and corn. We have on the farm a very large herd of registered Polled Hereford cattle that you will enjoy seeing. The Herd carries the famous blood lines as follows: Hazford, Pawnee Rollo, Prince Domino, Mossy Plato, Bocaldo and other championship blood lines. From time to time, we have a few young heifers and bulls to sell. We have a few young bred heifers at this time.

Terms and Conditions

Prices: All prices cash with order. Customers with established ratings may order shipped draft, bill of lading attached.

Our Responsibility: All seed are tested for germination and purity before they are sent out. Attached to every bag of seed is a privilege tag that permits you to examine and test the seed, during which time if you are not satisfied you may return them to us.

Your Responsibility: We waive all responsibility for seed which have been in customers' hands for more than ten days because there are so many conditions and reasons why one may not be able to get a stand after planting. We, therefore, cannot be responsible for the crop, or germination, after they have been planted. Return seed at once if not satisfactory. See privilege tag, attached to each bag.

Weights: Oats, 32 pounds to the bushel, put up in 4-bushel bags; Wheat, 60 pounds to the bushel, put up in 2-bushel bags; Barley, 48 pounds to the bushel, put up in 2½ bushel bags—all net weights.

Our seed are free from objectionable foreign seed—such as wild onion, cockle, cheat, etc.

We have our own private separator for small grain.

All grain graded and sized—None Treated for smut.

If you wish us to treat the wheat add 10c per bushel.

Plant Breeding Staff:

K. W. MARETT, *Directing Plant Breeder and Manager.*

W. T. McCLURE, JR., *Plant Breeder.*

S. J. HADDEN, *Plant Breeder.*

MARETT FARM & SEED COMPANY

WESTMINSTER, S. C.